Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Proceedings of the American Academy of Arts and Sciences.

VOL. XXXIX. NO. 12. — DECEMBER, 1903.

CONTRIBUTIONS FROM THE JEFFERSON PHYSICAL LABORATORY, HARVARD COLLEGE.

ON THE LINES OF CERTAIN CLASSES OF SOLENOIDAL OR LAMELLAR VECTORS, SYMMETRIOAL WITH RESPECT TO AN AXIS.

BY B. O. PEIRCE.

(Continued from page 3 of Cover.)

VOLUME 39.

1. RICHARDS, T. W., AND BONNET, F., JR. — The Changeable Hydrolytic Equilibrium of Dissolved Chromic Sulphate. pp. 1–30. June, 1903. 35c.
2. LYMAN, T. — On the Prolongation of Spectral Lines. pp. 31–35. 1 pl. July, 1903. 10c.
3. LYMAN, T. — An Explanation of the False Spectra from Diffraction Gratings. pp. 37–47. 1 pl. July, 1903. 15c.
4. WOOD, R. W. — The Anomalous Dispersion, Absorption, and Surface Color of Nitroso-dimethylaniline. pp. 49–66. 3 pls. August, 1903. 35c.
5. GREENMAN, J. M. — New and otherwise Noteworthy Angiosperms from Mexico and Central America. pp. 67–120. September, 1903. 50c.
6. DAVENPORT, C. B. — Comparison of Pecten opercularis from three Localities of the British Isles. pp. 121–159. November, 1903. 75c.
7. NOYES, A. A., AND COOLIDGE, W. D. — The Electrical Conductivity of Aqueous Solutions at High Temperatures. — I. Description of the Apparatus. Results with Sodium and Potassium Chloride up to 306°. pp. 161–219. November, 1903. 80c.
8. CASTLE, W. E. — The Laws of Heredity of Galton and Mendel, and some Laws governing Race Improvement by Selection. pp. 221–242. November, 1903. 30c.
9. BAXTER, G. P. — A Revision of the Atomic Weight of Iron. Second paper. The Analysis of Ferrous Bromide. pp. 243–256. November, 1903. 20c.
10. CARLTON, F. C. — The Color Changes in the Skin of the so-called Florida Chameleon, Anolis carolinensis Cuv. pp 257–276. 1 pl. December, 1903. 25c.
11. JOHNSTON, J. R. — A Revision of the Genus Flaveria. pp. 277–292. December, 1903. 20c.
12. PEIRCE, B. O. — On the Lines of Certain Classes of Solenoidal or Lamellar Vectors, Symmetrical with Respect to an Axis. pp. 293–304. December, 1903. 15c.

Proceedings of the American Academy of Arts and Sciences.

VOL. XXXIX. No. 12. — DECEMBER, 1903.

CONTRIBUTIONS FROM THE JEFFERSON PHYSICAL LABORATORY, HARVARD COLLEGE.

ON THE LINES OF CERTAIN CLASSES OF SOLENOIDAL OR LAMELLAR VECTORS, SYMMETRIOAL WITH RESPECT TO AN AXIS.

BY B. O. PEIRCE.